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S/020/60/133/005/020/034XX C111/C222

Adams' Spectral Sequence

K(z_p, n).

3) Natural projections $p_j: \overline{X} \to X_j$ induce the epimorphisms $(p_j)_{\overline{X}}$ for all j > 0.

Let $\alpha = \{X_i, g_i, F_i, p_i\}$ and $\beta = \{X_i', g_i', F_i', p_i'\}$ be two p-systems. Let $\alpha > \beta$ if for the identification of the groups $\overline{X}(X), \overline{X}(\overline{X})$ to $\overline{X}(\overline{X}')$ it holds: $\ker(p_i)_{\overline{X}} = \ker(p_i')_{\overline{X}}$, i n and $\ker(p_n)_{\overline{X}} = \ker(p_n')_{\overline{X}}$.

Principal theorem 2: In the class of p-systems of a space X there exists one and only one system (up to the singular homotopic type) being one and only one system (up to the singular homotopic type) being maximal with respect to the introduced order. maximal with respect to the introduced order. Subspaces of \overline{X} : $\overline{X} = \overline{Y}_0 \to \overline{Y}_1 \to \cdots \to \overline{Y}_3 \to \cdots$,

where $Y_i = p_i^{-1}(F_i)$, $\{X_i, P_i, P_i, P_i\}$ is the maximal p-system of X and

X is the limit space. Definition 4: The filtration of the homotopic and homological groups of the p-space X is called natural if it is generated by a natural filtration of X. Card 3/4

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Adams | Spectral Sequence

Lemma 3: The elements $\alpha \in \mathcal{R}_{m+n}(s^n x)$ and $E \in \mathcal{R}_{m+n+1}(s^n x)$, where E - covering, have the same natural filtration if m < n-1. Theorem 3: The filtration of the group $\mathcal{R}_n(x)$ which is determined by the Adams sequence is identical with the natural filtration of this group.

The assertion of Adams on $E_{\infty}(S^0)$ (S^0 - zero-dimensional sphere) follows from theorem 3.

There is 1 non-Soviet reference.

ASSOCIATION: Moskcvskiy gosudarstvennyy universitet im. M.V.Lomonosova (Moscow State University im. M.V.Lomonosov)

PRESENTED: May 13, 1960, by P.S.Aleksandrov, Academician.

SUBMITTED: May 11, 1960

Card 4/4

L 09189-67 ACC NR: AP7002800 SOURCE CODE: UR/0144/66	/000/009/0995/1000
AUTHOR: Vinogradov, A. L.; Rizun, V. I.; Chebotarev, Ya. P.	7 P,
DRG: none	
TITIE: Automatic control system for asynchronous motors for a lifti for the stopping period, using controlled valves	ng apparatus
SOURCE: IVUZ. Elektromekhanika, no. 9, 1966, 995-1000	,
TOPIC TAGS: thyristor, electronic rectifier	
ABSTRACT: In order to provide a source of controlled voltage for dybraking in asynchronous drive apparatus, the authors have created so controllable rectifiers, operating on the phase control principle, a silicon thyristors. The requirements for accuracy and range of control satisfied by using a phase controller, in which the heating signal is in the form of a pulse with a steep leading edge, which provides accountrol of the anode current. The main element of the phase control a shift register made of pulse legical elements. The supply pulses legic elements are formed by a pulse generator whose generation from inversely proportional to the difference signal created by the difference the assigned and actual speeds of the machine. Movement equation for the lift machine are presented. Orig. art. has: 3 figures and [JPRS: 39,183]	mall using trol are is applied ourate llor is for the quency is orence uations
SUB CODE: 13, 09 / SUBM DATE: 03Sep65 / ORIG REF: 006	
Cord 1/1 L/D UDC: 621.313.333	3+621.375
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VINOGRADOV, A.M.

Adam's spectral sequence. Dokl.AN SSSN 133 no.5:999-1002 Ag 160. (MIRA 13:8)

1. Moskovskiy gosudarstvennyy universitet im. M.V.Lomonosova. Predstavleno akad. P.S.Aleksandrovym.
(Sequences (Mathematics))

APPROVED FOR RELEASE: 09/01/2001 CIA-RDP86-00513R001859910007-1"

TO THE CASE PARTIES AND A SECRETARIOUS PROPERTY.

Vinunkalady, A. M.

VINOGRADOV, A. M., Tekhnik i NAUHOVA, N. A. Arkh., OVCHINDIKOV, A. A. Arkh.

Nauchno-issledovatel'skiy institut arkhitektury zhilishcha Akademii Arkhitektury SSSR

Karkasno-shchitovyye i shchitovyye derevyannyye odnoetazhnyye doma zavodskogo izgotovleniya massovogo tipa. Page 71

SO: Collections of Annotations of Scientific Research Work on Construction, completed in 1950.

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Orabbing device for hoisting reinforced concrete rings. Rats. 1 isobr.predl. v strol. no.89:3-5 '54.(MIRA 9:6) (Hoisting machinery)

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EOL'SHAYOV, V.M.; VINOGRADOV, A.M.; LOROKHOV, A.N.; ŁAZAŁOV, I.V.; MERTUMYAN, A.K.; ROMANOV, A.A.; SEMEMOVSKIY, V.D.

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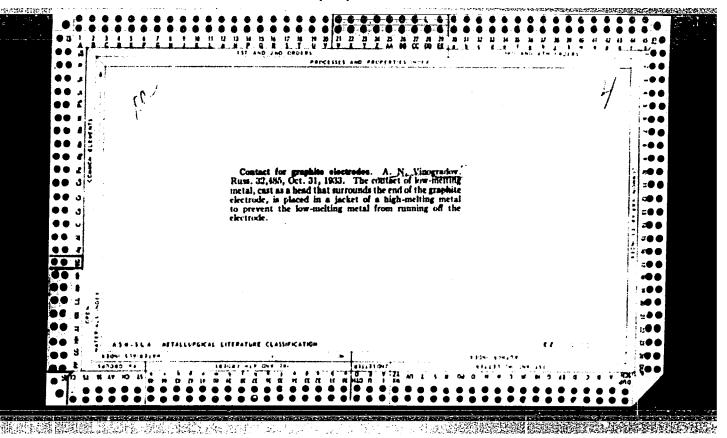
redaktor

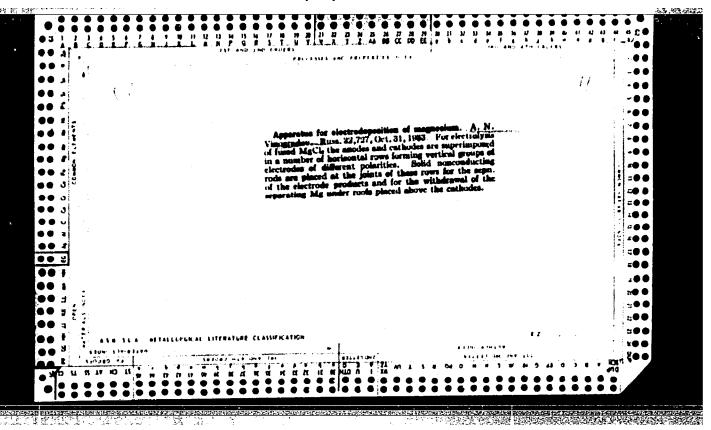
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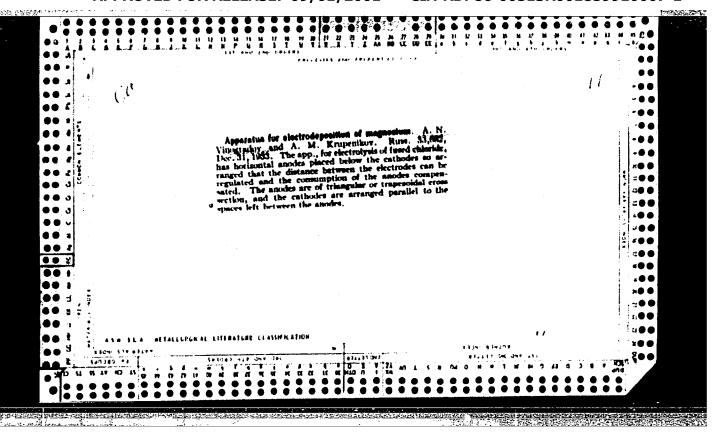
(Railroads—Accounts, bookkeeping, etc.)

(Calculating machines)

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VINOGRADOV, A.N.; LIVSHIN, G.L.; OHRAZTSOVA, R.I.; TULUPOV, L.P.;
Prinimali uchastiye: RAZORENOVA, L.K., inzh.; DUBINKINA,
L.I., inzh.; PODGORNYKH, A.L., inzh.; LAVRENT'YEV, K.V.,
retsenzent; MINAKOV, A.D., retsenzent; NESTEROV, Ye.P.,
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1. Iz Otdela meditsinskey statistiki (nachal'nik G.F.TSerkevnyy)

Ministerotva zdravookhraneniya SSSR. (MEDICINAL STUDY AND TRACHING)

(MEDICAL STATISTICS)

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VINOGRADOV, Aleksandr Nikolayevich; CHERNOMORDIK, D.I., prof., retsenzent; PETROV, A.I., red.; USENKO, L.A., tekhn. red.

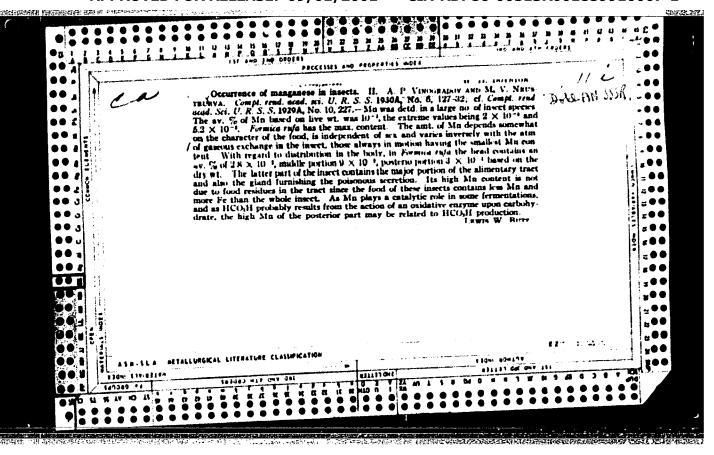
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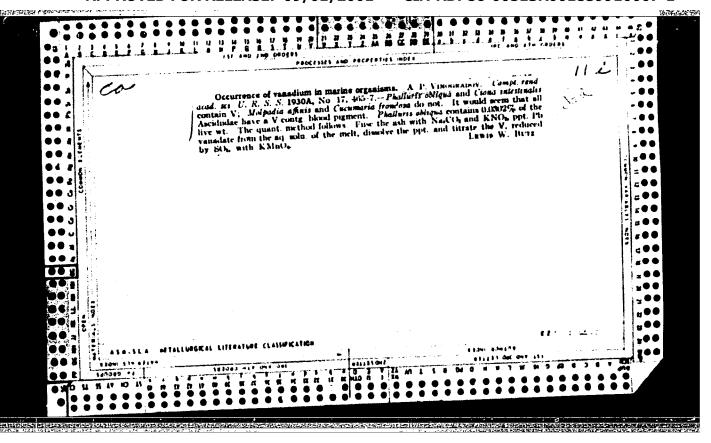
ALEKSEYEV, V.N.; VINOGRADOV, A.N.; kand.ekon.nauk; VLADIMIROV, V.A.; inzh.; KOCHETOV, I.V., prof., doktor ekon.nauk; MINAKOV, P.F.; POTAPOV, I.A.; ROMANOV, M.P., dotsent, kand.ekon.nauk; SPENGLER, Ye.H., kand.ekon.nauk; SHITOV, A.V.; SHUKHATOVICH, I.M.; YAKUBOV, L.S.; IVLIYEV, I.V., red.; KRISHTAL, L.I., red.; KOCHETOV, I.V., prof., doktor ekon.nauk, nauchnyy red.; IVANOV, A.P., nauchnyy red.; BOBROVA, Ye.N., tekhn.red.

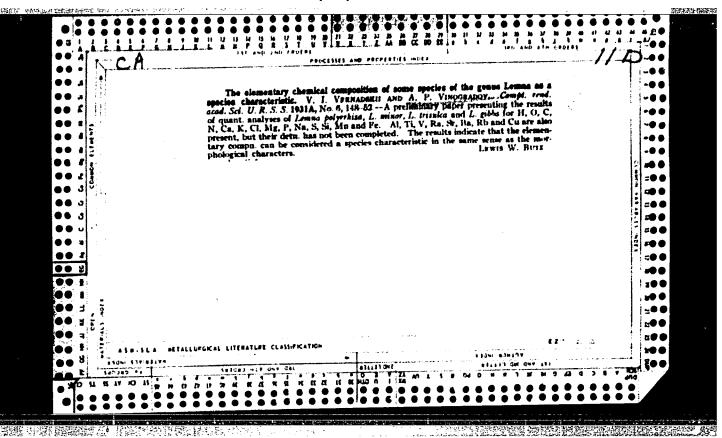
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Statistika i bukhgalterskii uchat na zheleznodorozhnom transporte;
spravochnik. Moskva, Vses.izdatel'sko-poligr.ob"edinenie M-va
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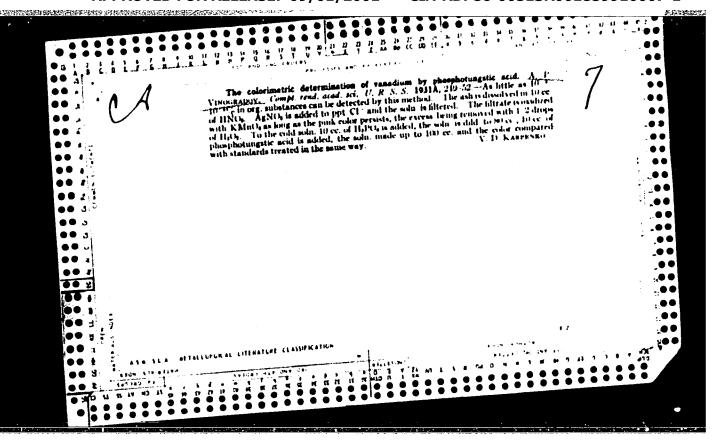
(Railroads--Accounts, bookkeeping, etc.)

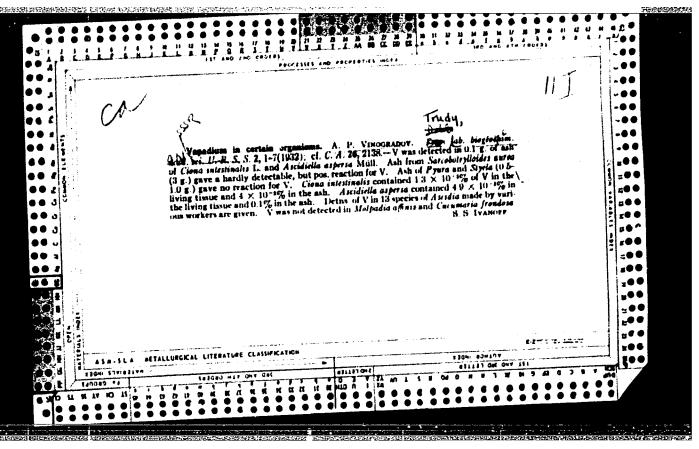
(Railroads--Statistics)

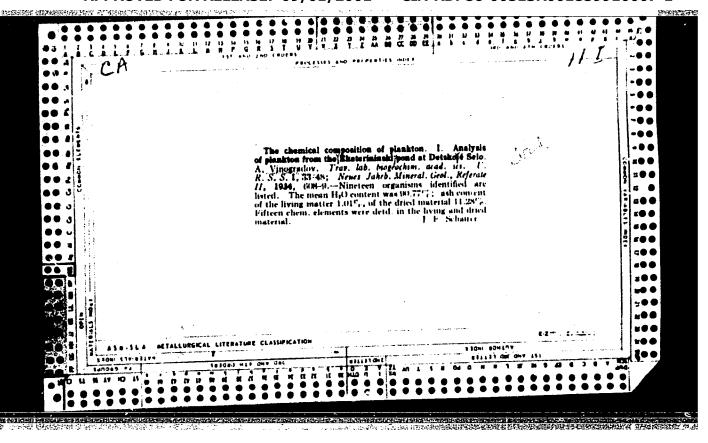


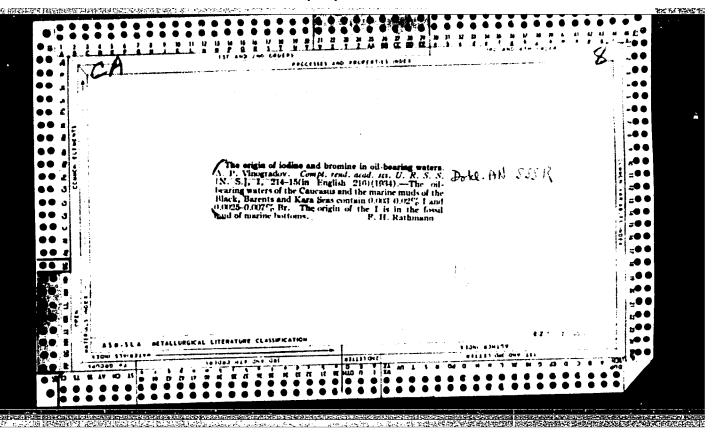


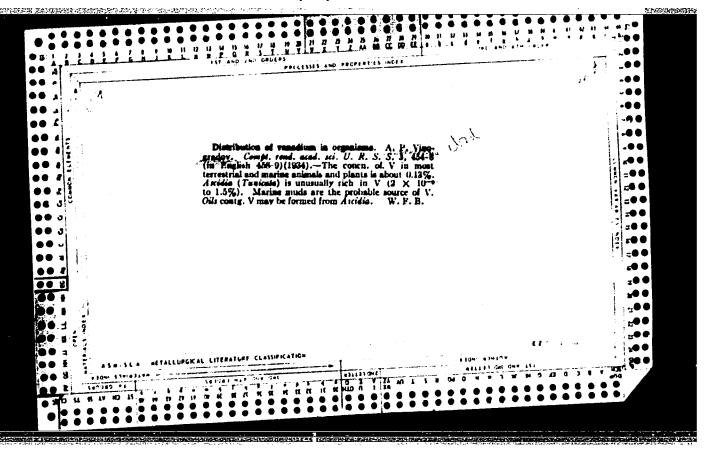




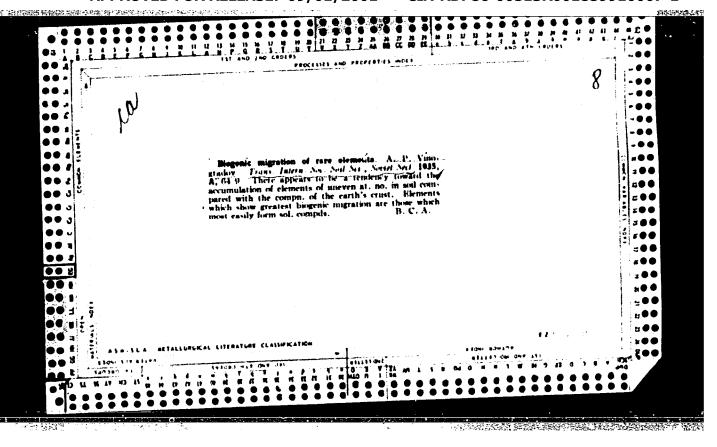


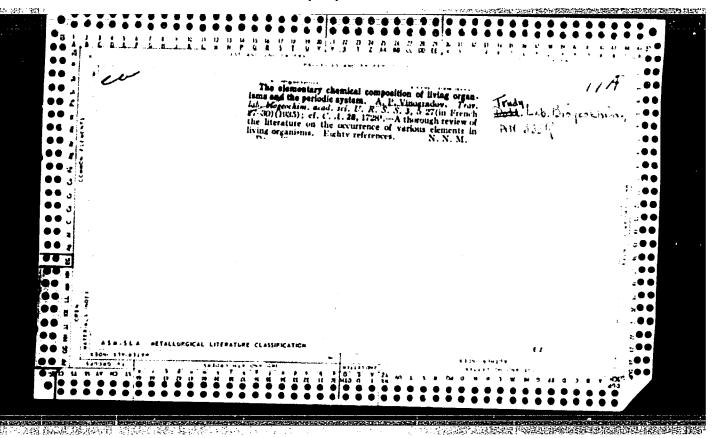


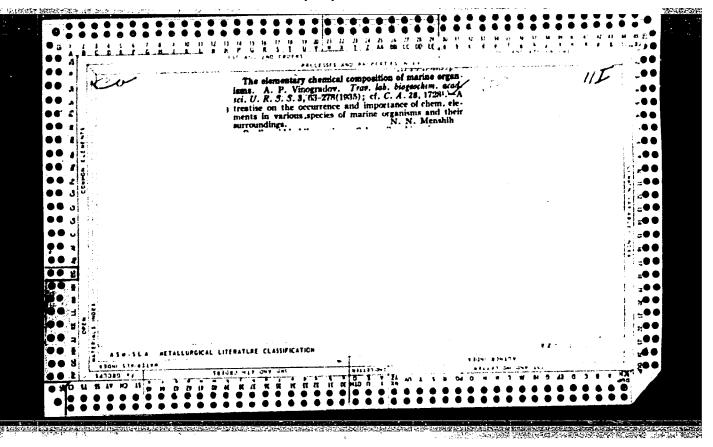




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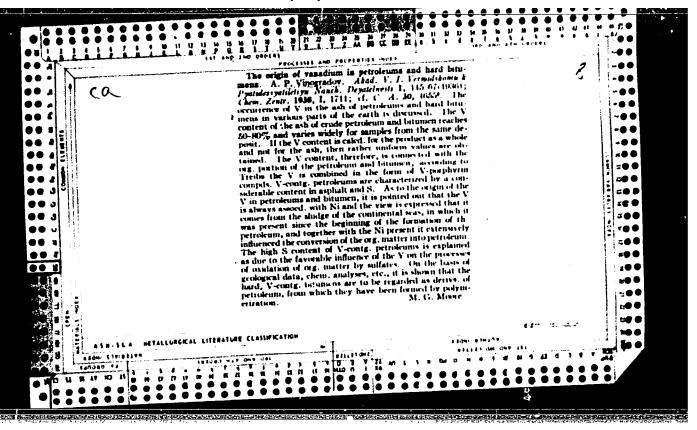


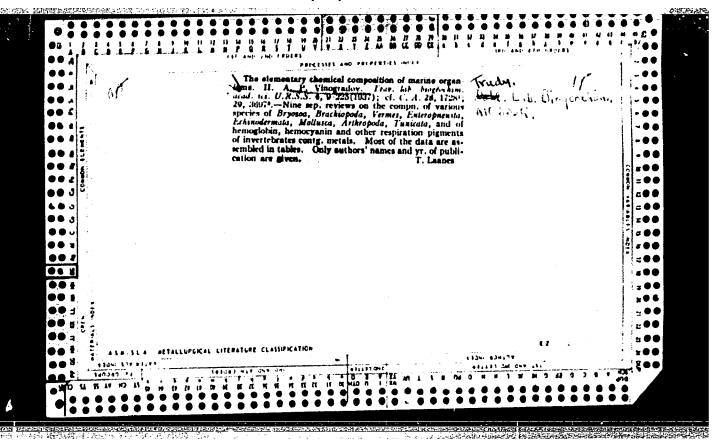


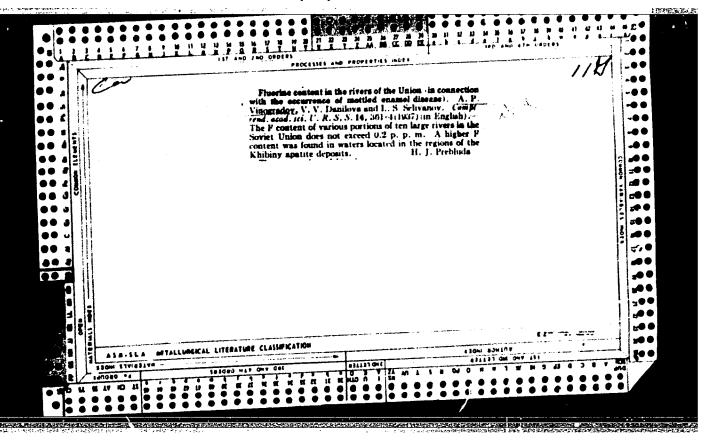
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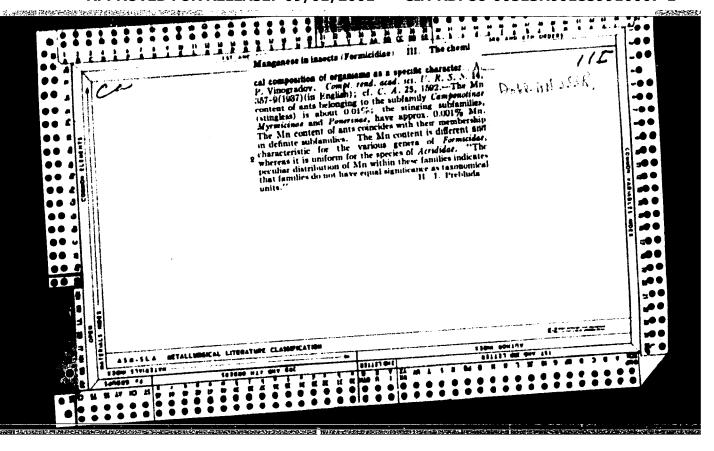
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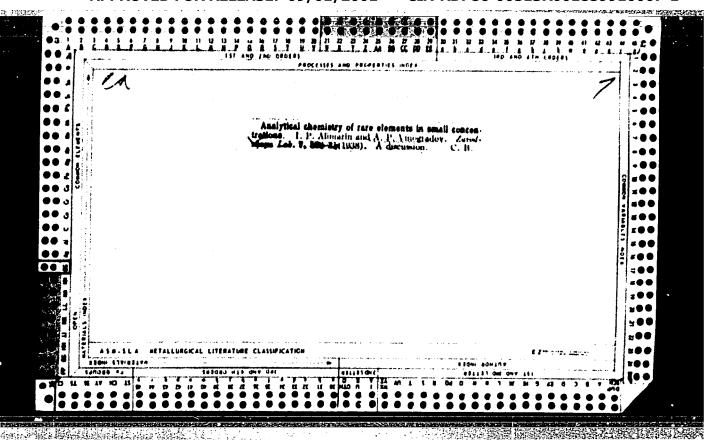
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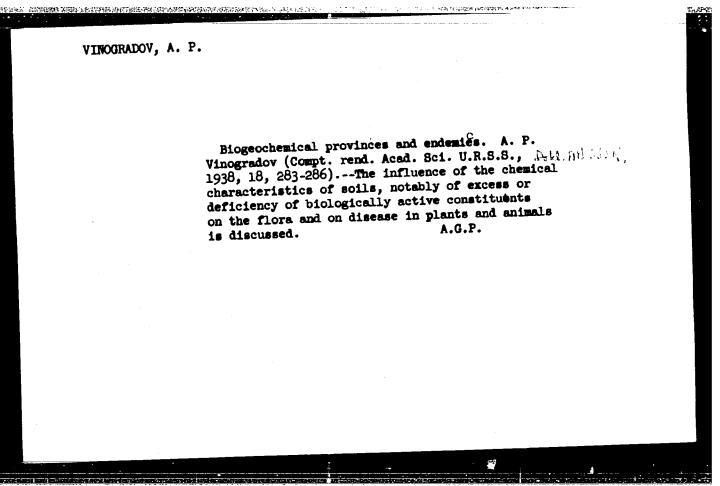


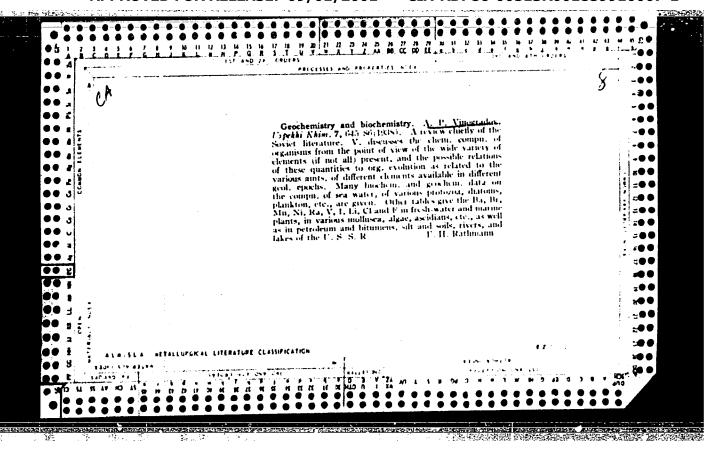


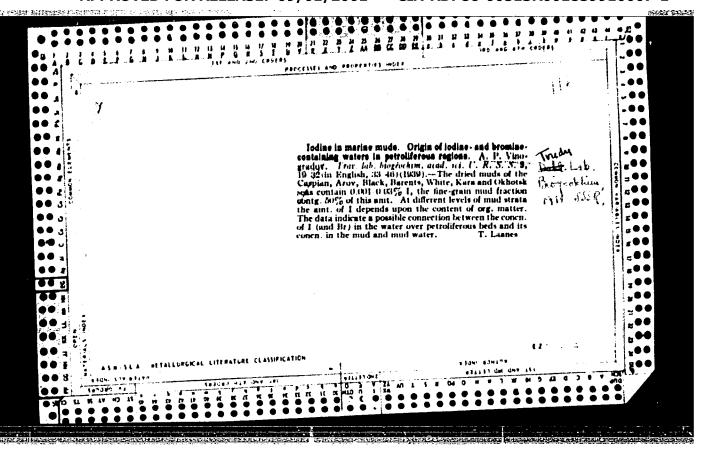


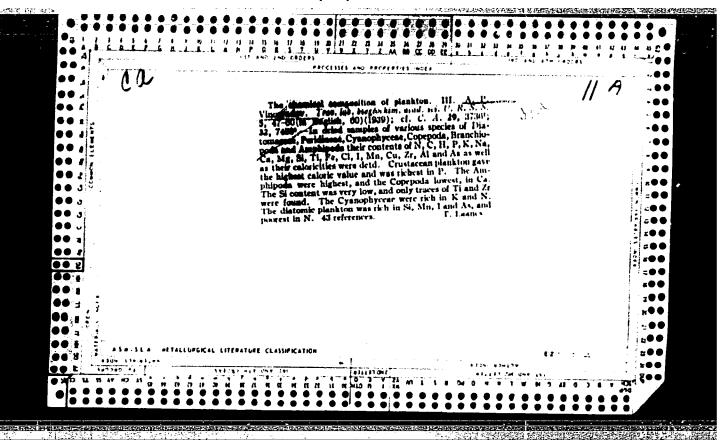


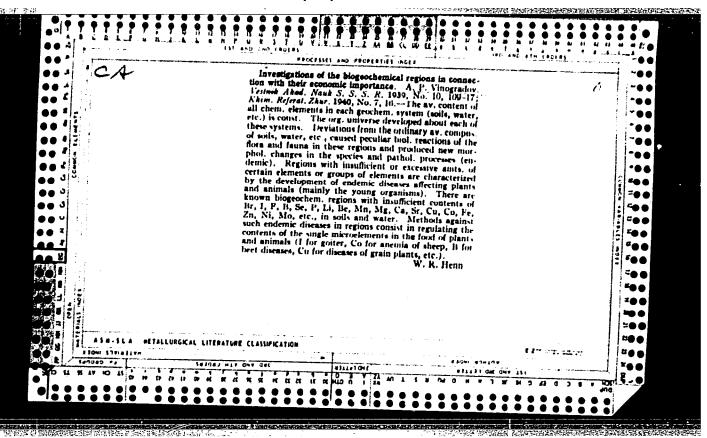












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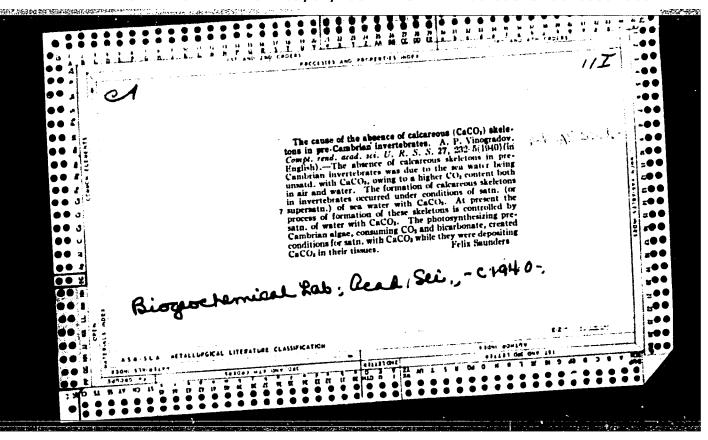
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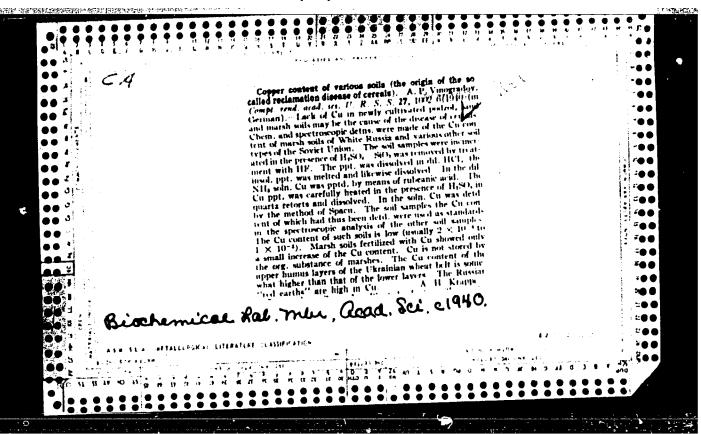
Biogeochem, Rab, Mhr. aead, Sci. c1939-

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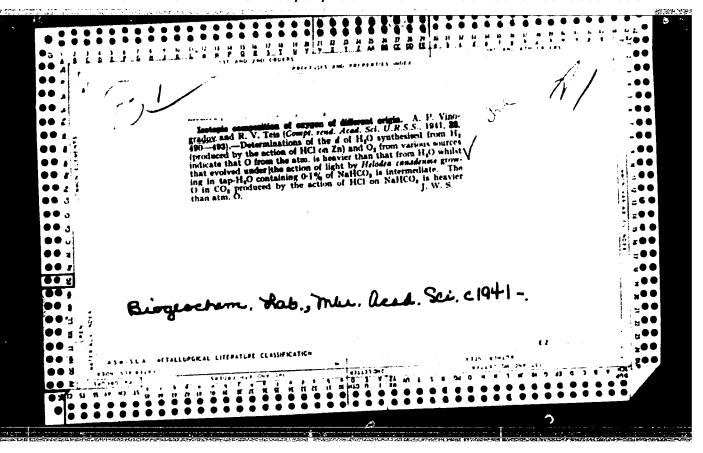


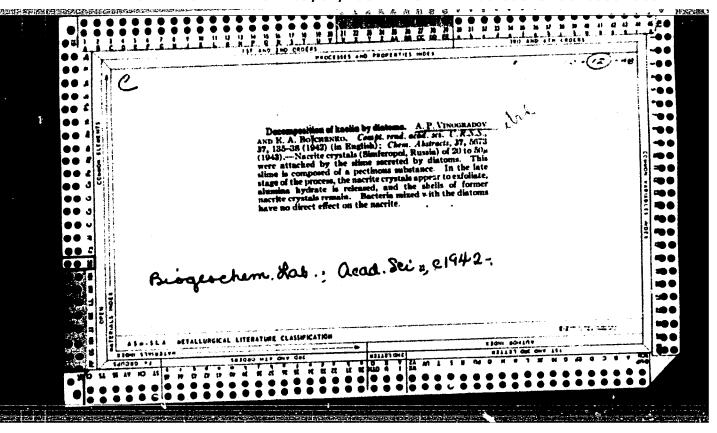
Isotopic composition of waters in meta orphic rocks and minerals. V. I.

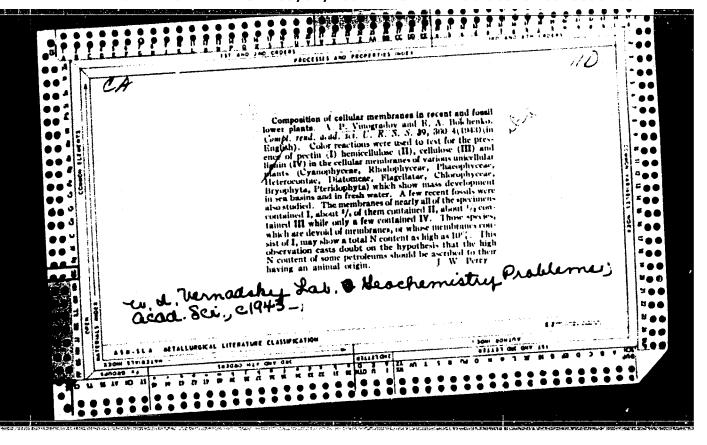
Vernalakit A. P. Vinogradov, and R. V. Toin (Copt. rend Acad. Sci. U. R. 3. 3.,
19h1, 31, 573-576).—ChiOritus, tales, and as pentines of different deposite and
peological ages were used. Bio Was distilled from them at like, and its d
determined. In almost all cases the d was > that of standard purified toping.

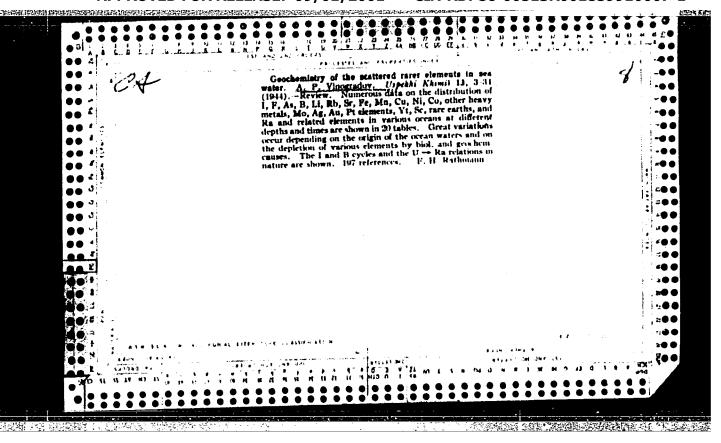
In two cases, the greater was shown to be due entirely to "0, the D content
being < that of standard H₂O.

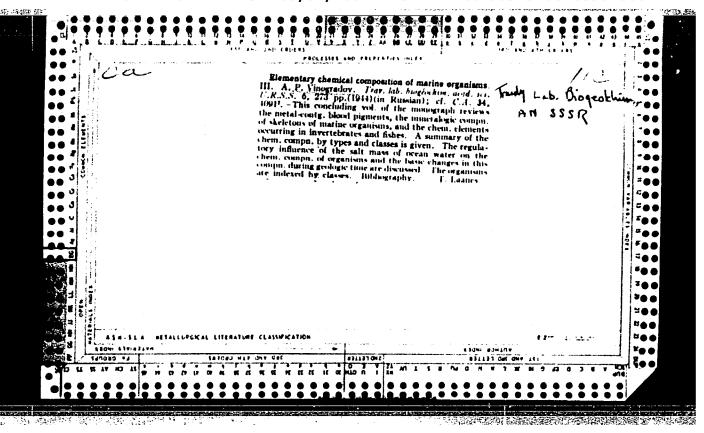
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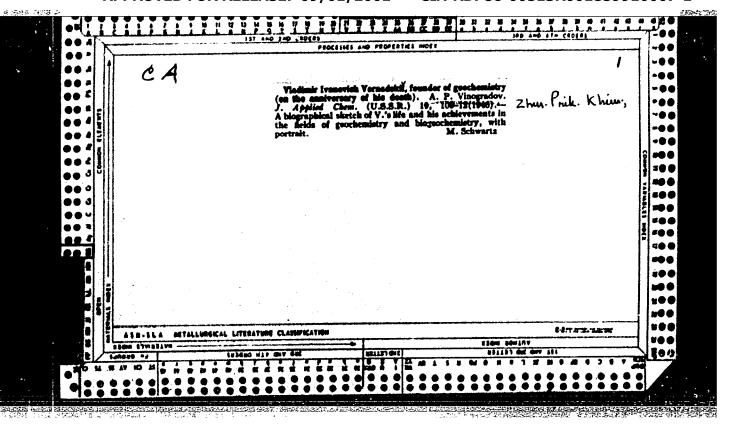


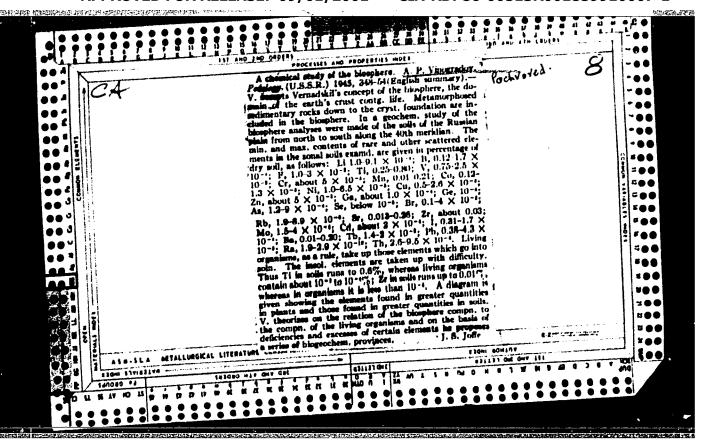
When the Compt. and Acid. Sci. U.R.S.S., 1844. 80. 87-80)

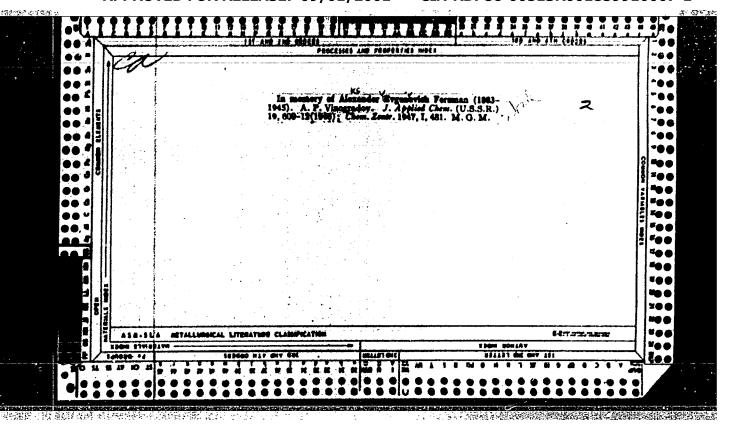
The factors which from the val. (-200) obtained in sea-1/0 are superground underground waters are subdivised into derivatives with 10 mornal sea-1/0 vitor - 200, 18 reductable three of sea-1/0 are with r < 200, and (3) a solution of NaCl deposits with 2. R. H.

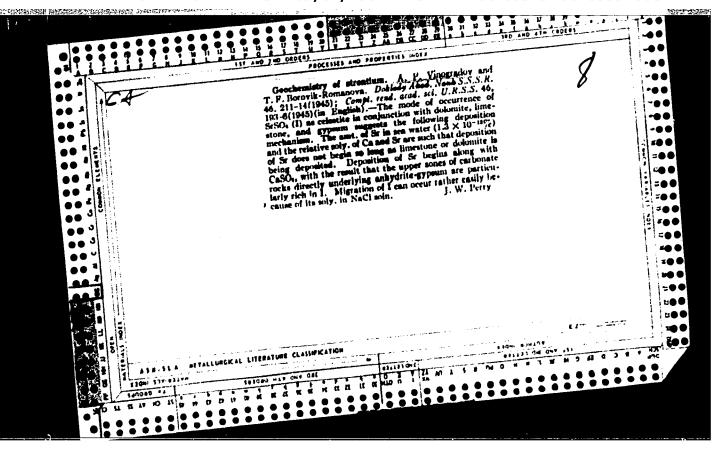
W. S. Vernadahy Lab., Heachern. Problems; Car. Mrs. aces. Sci., c1944-.

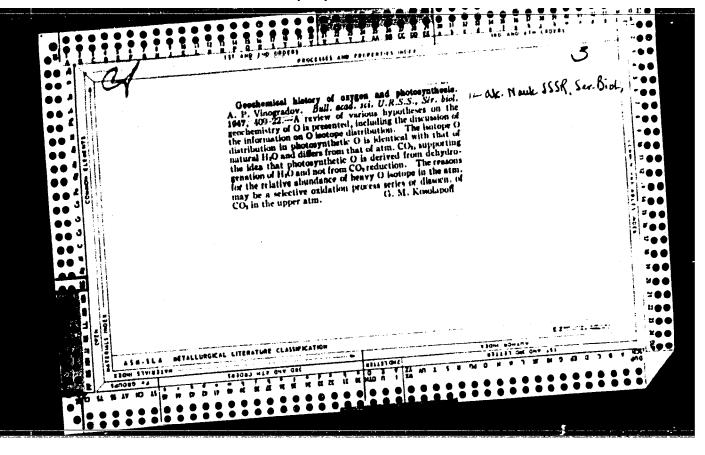
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VINOGRADOV, A. P		
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	USSR/Medicine - Goiter Medicine - Iodine Apr 1946	
	"Geochemical Conditions in the Regions of Endemic Goiter," A. P. Vinogradov, 14 pp	
	"Izw Ak Nauk Geograf i Geofiz, Vol X, No 4 Study of the geochemistry of iodine, and an explana-	
	tion of the spreading of simple should be sometion on goiter in the Soviet Union and its connection on goiter in the soviet union and its connection with the composition of the soil.	
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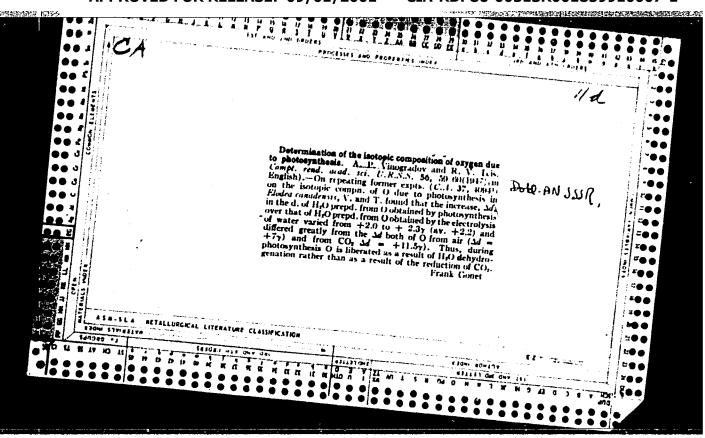
VINOGRADOV, A. P.	
"Boron in the Soils of the Soviet Union,"	
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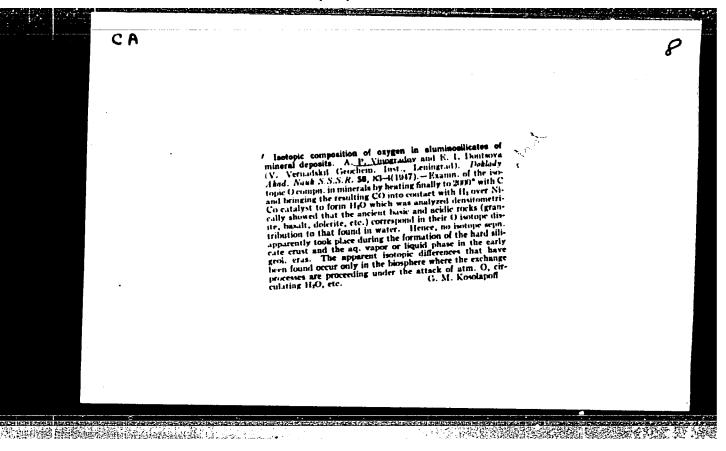
USSR/Geochemistry
Minerals - Chemical Properties

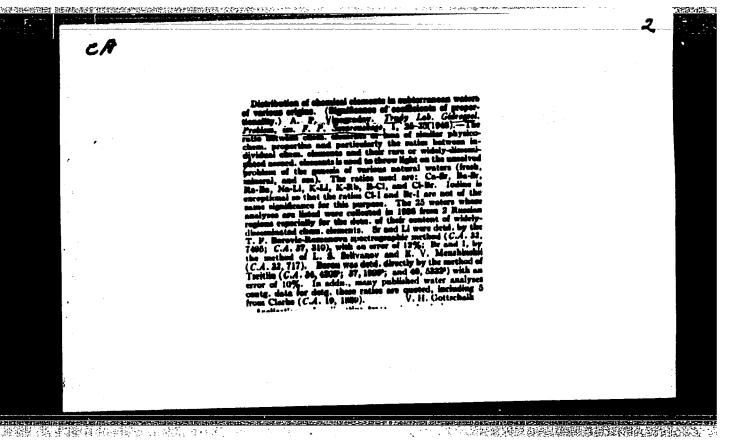
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A P Minegradov, E I Dontsova, 2 pp

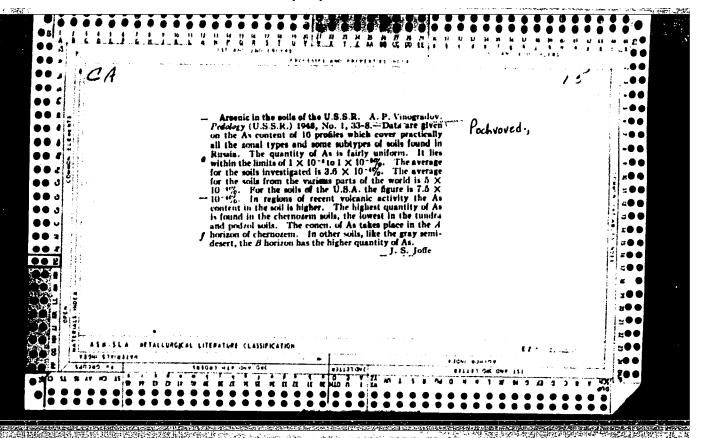
"Pok Akad Nauk USSR Nov Ser" Vol LVI, No 4

Minerals investigated are cuprite, magnetite, and chromite.









INOGRADOV,	A. P.		USER/Academy of Sciences (Contd) USER, Moscow, 1948, 195 pp.	*Zavod Lab" Vol XIV, No of street volume of series devoted to or First volume of existing knowledge. and surveys of existing knowledge. (1) Work of Russian analysts not fu (2) relative merits of various meth (2) haphazard selection of material (3) haphazard selection of publicat eight articles in detail. Publicat	~ ~ >	USER/Adademy of Sciences Chemistry - Analysis
	3/8072	· · · · · · · · · · · · · · · · · · ·	Aug 48	riginal articles Chief defects: Ily treated; ods not indicated; Crithizes ion of Acad Sci	Analytical Chemistry, Corr Mem, Acad Sci Alimerin, Dr Chem Sci,	Mr. Str.

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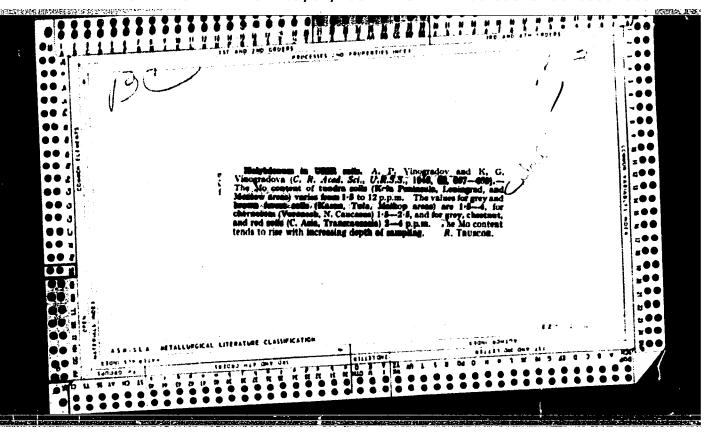
VINOGRADOV, A. P.

USER/Soil Studies Muorine

"Fluorine in Soils of the USSR," A. P. Vinogradov, Corr Mem, Acad Sci USSR; V. V. Danilova, Lab Geochem Problems imeni V. I. Vernadskiy, 22 pp

"Dok Akad Neuk SSSR, Nova Ser" Vol LDK, No 7

Reports distribution of fluorine in soils of the USSR Basic source of fluorine in the soils: disintegrated rocks containing average of 0.03% F, their minerals containing considerable amount of fluorine, such as apatite, tourmaline, biotite, muscovite and other minerals. Gives other secondary sources. Gives table of fluorine containing soils of the USSR. 47T102



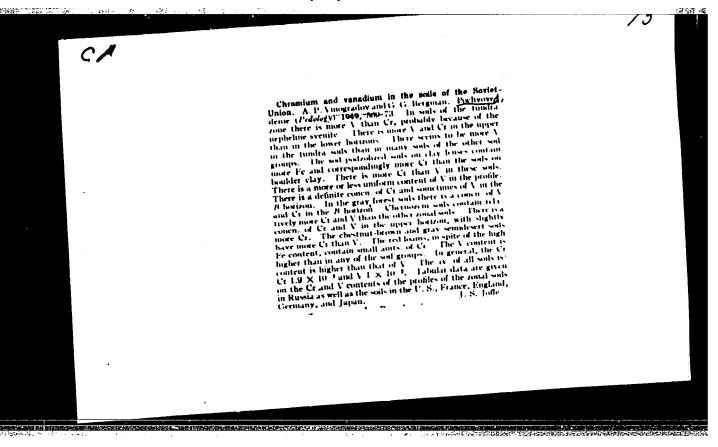
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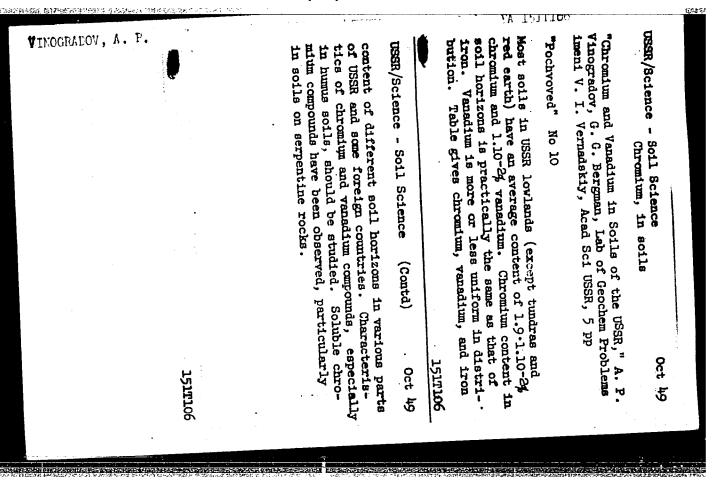
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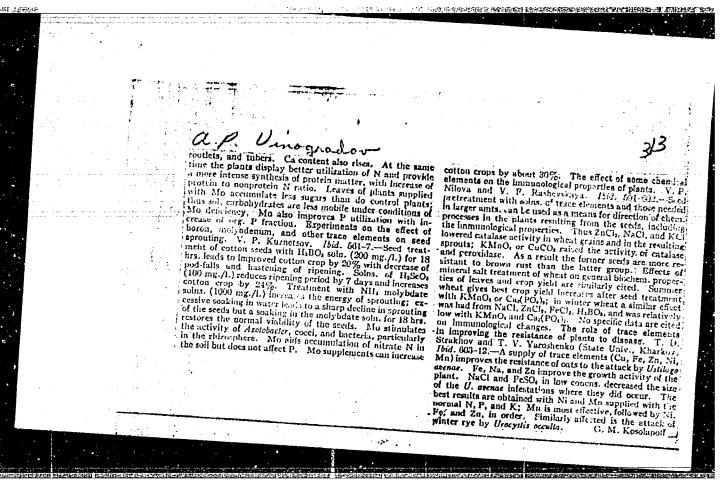
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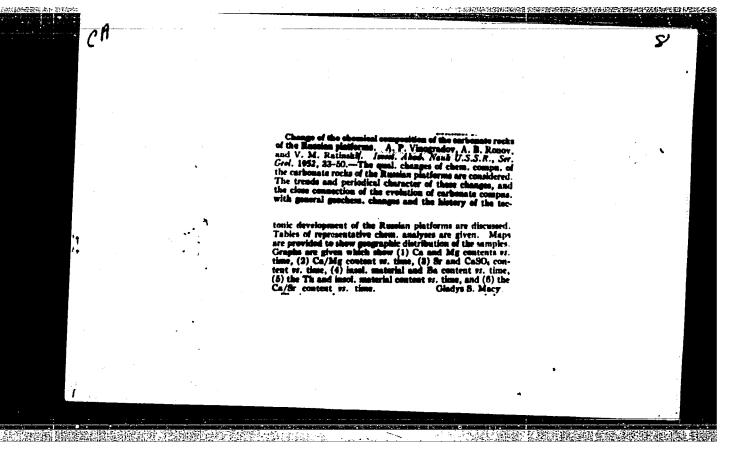
Fundamental laws of the distribution of trace elements among plants and environment. A. P. Vinoyradov, Mikimelkenedy v Phinni Rademi i Ahdaryata, Awai. Nork K. A. general pievo did and om distribution of trace elements to two the living and the nonliving weeld. A brief aumora is presented of the naturally occurring endemic conditions in plants cassed by abnormalities in the supply of the natural security entering endemic conditions in plants cassed by abnormalities in the supply of the natural security entering endemic conditions in plants caused by abnormalities in the supply of the natural security entering endemic conditions in plants caused by abnormalities in the supply of the natural security entering endemic conditions of the natural security of the security entering entering endemic conditions of the natural security entering entering endemic conditions of the natural security entering entering entering on the present of the basins with subscinctions of the natural security entering entering on the present of the hashes with subscinctions of the natural security entering entering on the present of the hashes with subscinctions of the natural security entering entering on the present of the plants of the plants of the plants of the natural security entering entering on the present of the plants of the present of the plants of the p

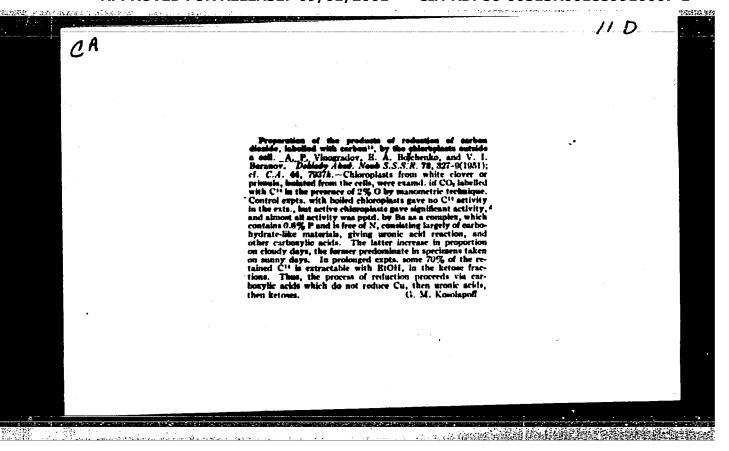
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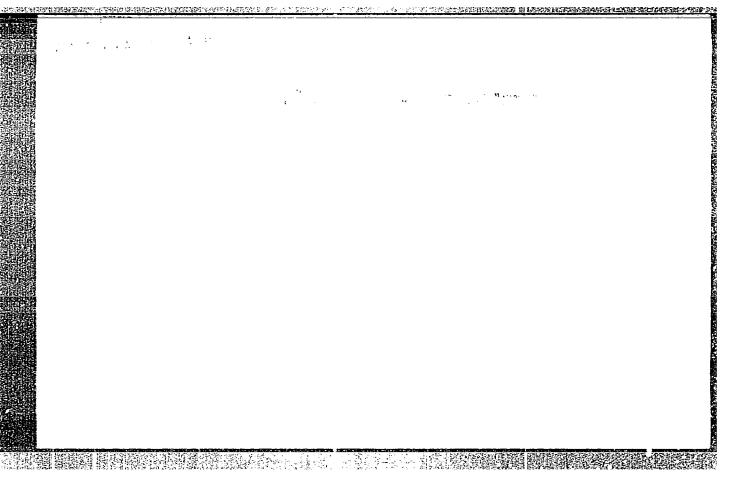
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Isotopic oxygen constituent of minerals of scarn origin. Dokl. AN SSSR 85 no. 6, 1952.

9. Monthly List of Russian Accessions, Library of Congress, December 1958. Unclassified.



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VINOGRADOV, A.P.

USSR/ Geology - Geochemistry

Card 1/1 Pub. 46 - 1/19

Authors 1 Vinogradov, A. P.

Title : The geochemistry of isotopes

Periodical : Izv. AN SSSR. Ser. geol. 3, 3 - 19, May - Jun 1954

*Excerpts are presented of the lecture entitles. "The Geochemistry of Isotopes," given by the author on February 1, 1954 during the general meeting of the Academy of Sciences, USSR. It is pointed out that by studying the isotopic composition of elements in litho-, atmo-, and hydrospheres it would be possible to study the following important geological problems: development of the earth as a whole and individual fragment of the earth's crust, origin of the atmosphere, problems of diffusion of oxygen, sulfur, carbon, hydrogen in the crust of the earth and the connection between the hypogeneous and hypergeneous processes occurring in the earth, and so on. Tables; graphs; drawings; illustration.

Institution:

Submitted: February 5, 1954

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	Search for ore deposits by means	of plants and solls.		<i>‡</i>
	A. P. Vinogradov, Trudy Biograkhi S.S.S.R. 10, 3-27(1934); Cl. C.A.	m. Lab., Akad. Nauk 19, 438g.—A detailed		
USSR.	A. P. Vinogradov, Trudy Riogeaki, S.S.R. 16, 327(1954); Cl. U.A. review, with numerous references, of locate ores by chem, analysis for the plants and soils in the area; plants in t show metal enrichment by a factor of mal levels.	desired metals of the		i
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VINOGRÁDOV, A. P.

USSR/Hiscellaneous - Isotopes

Card

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Authors

* Vinogradov, A. P., Academician

Title

(reof themistry of isotopes

Periodical

Vest. AN SSSR, 24, Ed. 5, 26 - 43, May, 1954

Abstract

A general description of various methods for the determination of terrestial and atmospheric ages, made possible by determining the changes in isotopic ratios of the elements. Calls special attention to a method based on the determination of the C^{14} isotope in the atmosphere, and illustrates an installation for detecting the C^{14} in the atmosphere. Charts and tables showing variations with the ages of such isotopic ratios as C^{10}/C^{10} , C^{10}/C^{10} and S^{10}/S^{14} . The possiblity of determing the role which these isotopes played in formation of rocks and minerals is also discussed.

Institution :

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生物**是自由企**用的人的现在分词。

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VINOGRADOV, A.P.

[Physicochemical control methods of uranium production] Fizikokhimicheskie metody kontrolia proizvodstva urana; doklady, predstavlennye SSSR na Meshdunarodnuiu konferentsiiu po mirnomu ispol'zovaniiu stomnoi energii. Moskva, 1955. 20 p. [Microfilm]
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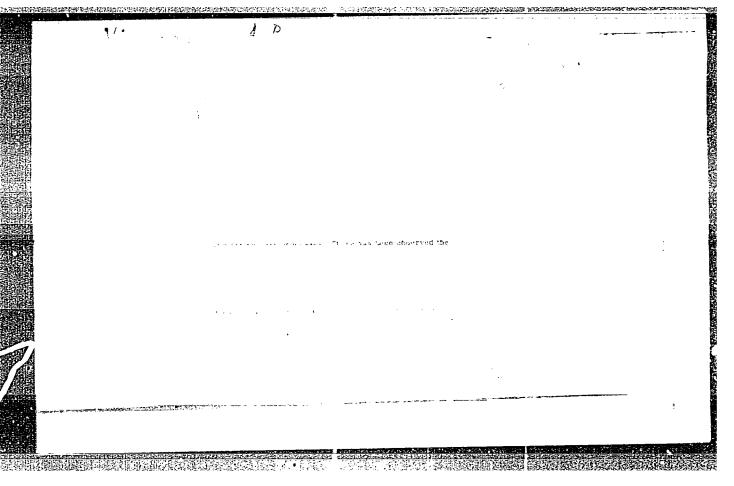
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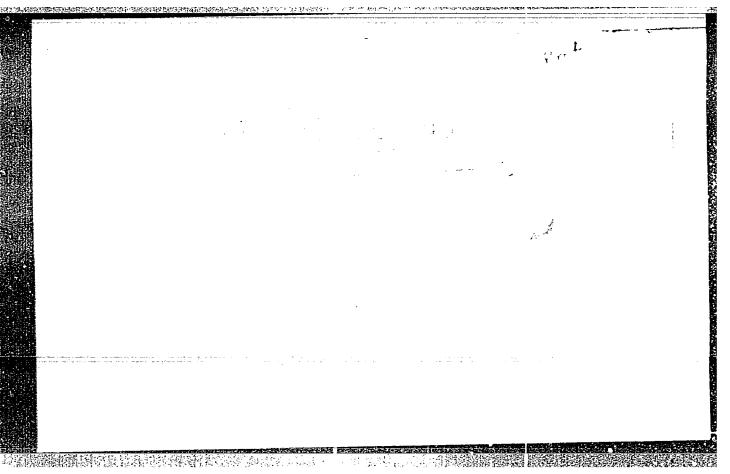
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[Selected works] Izbrannye sochineniia. Moskva, Izd-vo Akademii nauk SSSR, Vol.2, 1955. 615 p. (MLRA 8:12) (Geochemistry) (Mineralogy)

FERSMAN, A.Ye., akademik; BELOV, N.V., akademik, redaktor; YINOGRADOV,

A.P., akademik, redaktor; SHCHERBAKOV, D.I., akademik, redaktor;

KAPUSTINSKIY, A.F., redaktor; SAUKOV, A.A., redaktor; SHCHERBIKA,

V.V., doktor geologo-mineral nykh nauk, redaktor; KUN, N.R.,

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(Geochemistry)

		Pradiochemical studies of the products of ancient trans- formations under bombardment with high-energy particles. A.P. Vinogradov. Serving Akad. Nauk S.S. B. D. High A.P. Vinogradov. Serving Akad. Nauk S.S. B. D. High A. D. Winogradov. Serving Akad. Nauk S.S. B. D. High A. S. S. B. D. Winogradov. Serving Akad. Nauk S.S. B. D. High A. S. S. B. D. Winogradov. Serving Akad. Nauk S.S. B. D. A. Sunumary of
		Zasedanie, 60-78 (English summary, 78-0).—A summary of work done during 1950-2 on nucker transformations in U, Th, Bi, Ag, Cu, W, and La caused by high-energy protons, neutrons, and He ⁺⁺ at 280-080 m.e.v. Radioisotope distribution curves are presented and the studies extended to tribution curves are presented and the studies extended to
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VINGGRADON, A.V.

USSR/Optics - Optical Methods of Analysis. Instruments.

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Abs Jour

: Referat Zhur - Fizika, No 3, 1957, 7948

Author

: Vinogradov, A.P.

Title

: Physico-Chemical Methods of Control of Production of

Uranium.

Orig Pub

: I ssledovaniya v obl. geologii, khimii. i metallurgii. M.,

Izd-vo AN SSSR, 1955, 72-89

Abstract

: Survey of methods for determining U as applied to its control of manufacture. A brief description is given for the spectral methods of quantitative determination of impurities in U; the determination of small quantities of U in rocks, ores, and semi-finished articles; method of isotopic addition in the spectral determination of U in ores and semi-finished products; X-ray spectral method of determining U and of its impurities;

and polarographic determination of U.

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- 97 -

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